To: Rick Pokorny
             rPokorny@itstriangle.com

From: Donci Bardash, Project Director
             Broadband Technology
             Opportunities Program (BTOP)
             dbardash@mt.gov

Date: November 17, 2010

Re: Request for Information on the Montana Broadband Technology
             Opportunities Program (BTOP), Public Computing Centers (PCC)

Thank you for your interest in our project to expand and improve Internet access within Montana public libraries. This memo provides the information you requested during the MITS Annual Symposium on November 8, 2010 regarding the participating libraries, existing broadband services, proposed upgrades, and anticipated timeline.

At the symposium, Bob Cooper's presentation included a couple of visuals regarding our preliminary BTOP estimates. We believe this memo may provide a more succinct reference for you and your members.

Don't hesitate to contact me if further clarification is needed.

Timeline

Our draft project timeline is as follows, though we anticipate modifications.

Activity	Estimated Launch Date
Order Computer Equipment & Furniture for Libraries:	Nov 2010- Mar 2011
Deliver Computer Equipment & Furniture to Libraries:	Jan 2011-Apr 2011
Install Computer Equipment & Furniture at Libraries:	Feb 2011- Aug 2011
Install WLAN Upgrade Equipment:	Feb 2011-Aug 2011
Bandwidth Upgrades:	Jan 2011-Aug 2011
Library Renovations:	Jan 2011- Dec 2011
Additional Library Staff Hired:	Dec 2010- Mar 2011
Mobile Lab Purchase and Launch:	Dec 2010- Mar 2011

Specifications on Participating Libraries

Library	Current ISP	Current Service	Broadband Upgrade Needed?	New Broadband Package (Mbps) - MARKETED SPEED
Darby Community Public Library	Cybernet1	DSL	YES	12
Bridger Public Library	Bridger Cable	DSL	YES	6
Fairfield Public Library	3 Rivers	Cable	YES	20
Livingston-Park County Public Library	Qwest (line) & Internet Montana (access)	Cable	YES	30
Belt Public Library	3Rivers	T1	NO	3
Preston Hot Springs Town/County Library	Hot Springs Telephone Co.	DSL	YES	10.5
Butte Silver Bow Public	Advanced Wireless Technologies, Inc.	T1	YES	7.5
North Valley Public Library	Qwest	DSL	YES	6
Chouteau County Library	Central Montana Communications	DSL	YES	10
Miles City Public Library	Midrivers Communications	DSL	YES	25
Rosebud County Library	Range Telephone Cooperative	WiFi	YES	15
Phillips County Library	Triangle Telephone Company; Havre, MT	T1	NO	1.5
Flathead County Library	Montana Digital	DSL	YES	48
Lewis & Clark Library - Helena	Montana Internet Corporation/Qwest	T1	YES	100
Polson City Library	CenturyLink	DSL	YES	26.5
Bozeman Public Library	Bresnan	DSL	YES	100
Red Lodge Carnegie Library	CableMontana	?	YES	22
Sheridan County Library	SummitNet through State of Montana	DSL	YES	7.5
Parmly Billings Library	Qwest	Microwave	YES	3
Bicentennial Library	Discover Station	T1	YES	1.5
Parmly Billings Library/MSU-B College of Technology	Qwest	DSL	YES	0.512

Library	Provider	Type		Speed
Great Falls Public Library	Softworx, Inc. via VisionNet	Cable	YES	100
Carnegie Public Library	Triangle Communication	DSL	YES	14
Sidney-Richland County Library	Midriver	DSL	YES	40
Lincoln County Public Libraries - Eureka	InterBel	DSL	YES	5
Conrad Public Library	3 Rivers	DSL	YES	10
Ronan City Library	Ronan Telephone Company	DSL	YES	3
Lincoln County Public Libraries - Troy	Frontier	DSL	YES	6
Lincoln County Public Libraries - Libby	Frontier	DSL	YES	15
Glasgow City-County Library	Nemont Telephone Cooperative	DSL	NO	15
Judith Basin County Free Library	Triangle	DSL	YES	12
Hearst Free Library	Dunne Communications/RF Wave	T1	YES	22
Missoula Public Library	Blackfoot Communications	T1	YES	100
Browning Branch Library	3 Rivers	DSL	YES	7.5
Broadwater School and Community Library	Qwest	DSL	YES	22
Glacier County Library	Qwest	Frame Relay	YES	13.5
Thompson-Hickman County Library	3 Rivers Communications	?	YES	13.5
Liberty County Library	Triangle Telephone	DSL	YES	15
Laurel Public Library	Cable Montana	T1, DSL	YES	15
Highwood School and Community Library	n/a	T1	NO	1.5
Geraldine Branch Library	Central Montana Communications	Cable	NO	3
Big Sandy Branch Library	Triangle Telephone Cooperative	DSL	NO	6